



Newsleak

South Carolina DHEC's Drinking Water Newsletter

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SC DHEC • Bureau of Water

Resources – Come and Get'em

by Carol Roberts, Water Outreach

There have been a lot of changes in drinking water operation and maintenance since the enactment of the Safe Drinking Water Act. Requirements related to operator certification, monitoring and reporting, infrastructure needs, and emerging treatment technologies challenge regulators and operators as they work to understand and comply with multiple regulations. Luckily, there are resources that can help us all. The entities listed below put a lot of effort into providing useful information to those in charge of drinking water operations. They deliver the information in varied formats such as publications, on-site trainings, CDs and on-line. So, give them a call or visit them on-line. Enjoy!

Environmental Protection Agency (EPA)

EPA's mission is to protect human health and to safeguard the natural environment upon which life depends. The EPA has a number of free resource publications such as guidance documents and fact sheets related to drinking water. On-line training is also available.

Contact Information: (800) 426-4791 or <http://www.epa.gov/ebtpages/water.html>

The National Environmental Services Center (NESC)

NESC provides information on the technical, managerial, regulatory, and other aspects of running a small community water or wastewater system. NESC offers a free environmental magazine and newsletter subscriptions, hundreds of free and low-cost products, database searches, and a toll-free assistance hotline.

Contact Information: (800) 624-8301 or <http://www.nesc.wvu.edu>

The Montana Water Center

The Center provides training for water professionals, teachers, and communities. There are a variety of publications and training tools available through the center.

Contact Information: (406) 994-6690 or <http://watercenter.montana.edu/default.asp>

Safedrinkingwater.com

Safedrinkingwater.com has a free electronic newsletter that presents general news stories of interest to the drinking water community. The newsletter contains a combination of timely articles and insightful commentary from the leading observers in the industry. **Contact Information:** <http://www.safedrinkingwater.com>

The Water Environment Association of South Carolina (WEASC)

The purpose of WEASC is to serve those who work to promote, protect and preserve the water environment. The Association works towards the advancement of practical knowledge in the technology, design, construction, operation, maintenance, and management of water quality control systems and facilities.

Contact Information: (803) 939-9574 or <http://www.weasc.org>

National Environmental Services Center

Tech Brief: Taste and Odor Control



Complaints about the taste and smell of drinking water may be an issue for your system. This Tech Brief examines common taste and odor problems and provides techniques for dealing with them in the treatment plant.

Get the Tech Brief at

http://www.ndwc.wvu.edu/ndwc/articles/OT/SP06/OTsp06_TB.pdf

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South Carolina Department of Health and Environmental Control

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Resources

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Southeast Rural Community Assistance Project, Inc. (SERCAP)

SERCAP helps small rural towns and communities needing aid in upgrading their water and wastewater systems. They also provide training and technical assistance to rural residents for operation and maintenance of those systems, for capacity building and for economic development in their communities.

Contact Information: (866) 928-3731 or <http://www.sercap.org/>

South Carolina American Water Works Association (SCAWWA)

The South Carolina Section of the American Water Works Association is dedicated to providing resources for knowledge, information, and advocacy to improve the quality and supply of water in South Carolina. Members have access to a number of educational publications, trainings and events.

Contact Information: (803) 939-9574 or <http://www.scawwa.org/>

South Carolina Rural Water Association (SCRWA)

SCRWA's mission is to help water and wastewater systems supply South Carolinians with safe and affordable water and wastewater services. SCRWA provides technical assistance, educational and informative programs, publications, member support services and representation of their members in legislative and regulatory processes.

Contact Information: (864) 833-5566 or <http://www.scrwa.org/>

The South Carolina Environmental Training Center

The goal of the South Carolina Environmental Training Center is to educate and train professionals, specifically in the areas of environmental, health, safety, leadership, and management. They offer many classes in varied formats for both drinking water and wastewater professionals. **Contact Information:** (803) 778-7873 or <http://www.sum.tec.sc.us/conted/scetc/scetc.asp>

Security Issues

Security practices should be a part of a utility's every day activities.



Significant actions are underway to plan for and practice response to emergency incidents. New security technologies are being developed to detect and monitor contaminants and prevent security breaches.

EPA has a Web site that provides resources for water utilities, state and local governments, public health officials, emergency responders and planners, assistance and training providers, environmental professionals, researchers and engineers, and law enforcement, among others. You can access these resources at <http://cfpub.epa.gov/safewater/watersecurity>.

Security resources designed specifically for small drinking water and wastewater systems are also available at <http://cfpub.epa.gov/safewater/watersecurity/smallsystems.cfm>.

EPA Tools Help Small Water Systems Determine Monitoring Requirements

EPA has released a set of user-friendly products to help small drinking water utilities determine federal monitoring requirements and prepare water compliance samples under the Safe Drinking Water Act. The tool kit features an interactive Rule Wizard Web site that provides a complete list of federal monitoring requirements for the varied types and sizes of public drinking water systems.

A companion tool, *Interactive Sampling Guide for Drinking Water Operators*, features a downloadable CD-ROM with a video and a slide presentation that illustrates proper

sampling procedures. Case studies are also presented on the CD-ROM to help public water system owners and operators work with state and local agencies when contaminants are detected.

A brochure, *Interactive Sampling Guide for Drinking Water Operators*, provides an overview of the CD-ROM and the Rule Wizard. The brochure will be sent to EPA's state and technical assistance partners for distribution to public water systems. The CD-ROM is available through the Safe Drinking Water Hotline at (800) 426-4791.



Launch the RuleWizard at <http://www.RuleWizard.org>.

Use the Interactive Sampling Guide at <http://www.epa.gov/safewater/smallsys/samplingcd.html>.

Operator Training

Free Training in South Carolina

The Environmental Training Center is offering a training program for public water systems serving 3,300 or fewer persons. The program prepares entry level operators for state certification exams, and/or to assist licensed operators of qualified facilities in obtaining the necessary continuing education contact hours for license maintenance. *For more information, call (803) 778-6656.*

Virtual System Explorer 2006

The System Explorer is a new training program developed by the Montana Water Center. It simulates small water system operations and can be used in workshops or by individuals on their computers. Users learn the basics of system operation, as well as how to recognize system deficiencies, perform a security risk assessment, and improve the financial and management capacity of a system. On-line and downloadable versions of Virtual System Explorer are available at <http://montana.water.edu/training/ve>. Computer requirements are a DVD-ROM drive and 1 Ghz processor.

Operator Basics 2005

The newest version of this interactive CD-ROM contains three courses and a "Water Exploration" showcase to prepare operators of small water systems for certification. Practice math and exam questions, glossary games, and useful contact links round out this popular training tool.

Order the Operator Basics CD by calling the National Drinking Water Clearinghouse at (800) 624-8301 and ask for item number DWCDTR18, or e-mail to info@mail.nesc.wvu.edu.



State Revolving Fund News

The Drinking Water State Revolving Fund (DWSRF) is an \$11 billion Federal/State partnership that supports sustainability of our Nation's drinking water infrastructure. Since its beginning in 1997, the DWSRF has provided assistance to more than 4,300 projects improving health protection for over 100 million Americans. The program provides drinking water utilities access to low interest loans. South Carolina's SRF program has awarded \$75,751,538 since its inception. To learn more about SC's program, visit <http://www.scdhec.gov/water/html/srf.html>, or call Mark Noble at (803) 898-3821.

Enforcement Division Report

During January 1 - March 31, 2006, the Enforcement Division issued one Consent Agreement, 53 Consent Orders, and five Administrative Orders. The Water Enforcement Division assessed approximately \$527,501.80 during the second quarter of 2006.

More information about enforcement activities within DHEC may be found at <http://www.scdhec.gov/eqc/admin/html/eqcmain.html#Enforcement>.

Enforcement Actions January 1-March 31, 2006

	*(CA)	(CO)	(AO)	(EO)
Agricultural Facilities				
Capacity Use				
Dams and Reservoirs				
Drinking Water	01	10	03	
Groundwater				
NPDES		19		
Pollution Control Act		21	02	
Recreational Waters				
Residential Wells		03		
Stormwater and Sediment Control				

*Consent Agreement/Consent Order/Administrative Order/Emergency Order

Bureau of Water Telephone Numbers

Main Telephone Number
(803) 898-4300

Main Fax Number
(803) 898-4215

Local Environmental Quality Control Offices

Aiken Office.....(803) 641-7670
Aiken, Orangeburg, Barnwell, Bamberg, Allendale, Calhoun

Anderson Office.....(864) 260-5569
Anderson, Oconee

Beaufort Office(843) 846-1030
Beaufort, Jasper, Colleton, Hampton

Charleston Office.....(843) 740-1590
Charleston, Berkeley, Dorchester

Columbia Office.....(803) 896-0620
Richland, Lexington, Newberry, Fairfield

Florence Office.....(843) 661-4825
Florence, Dillon, Marion, Marlboro, Darlington, Chesterfield

Greenville Office.....(864) 241-1090
Greenville, Pickens

Greenwood Office.....(864) 223-0333
Greenwood, Abbeville, Laurens, Saluda, Edgefield, McCormick

Lancaster Office.....(803) 285-7461
Lancaster, Chester, York

Myrtle Beach Office.....(843) 238-4378
Horry, Georgetown, Williamsburg

Spartanburg Office(864) 596-3800
Spartanburg, Cherokee, Union

Sumter Office.....(803) 778-6548
Sumter, Kershaw, Lee, Clarendon

For Information Call . . .

Lead and Copper

Amanda Mol (803) 898-3794

Bacteriological Monitoring Program

Celeste Sugg (803) 898-4156

THM and SWTR compliance

Leslie Owens (803) 898-4149

Radiological compliance

Idris Liban (803) 898-3573

IOC, VOC, and SOC compliance

Idris Liban (803) 898-3573

State Safe Drinking Water Act Fees

Martey Chaney (803) 898-3554

Backflow Prevention and Cross Connection Control

John Watkins (803) 898-3567

Permitting of sources and treatment

Shawn Clarke (803) 898-3544

Permitting of water distribution lines

Wayne Stokes (803) 898-4159

Status of permit applications

Patty Barnes (803) 898-3550

Disinfectants/Disinfection By-product Rule

Richard Welch (803) 898-3546

Consumer Confidence Report

Frank Dukes (803) 898-3988

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<http://www.scdhec.gov/water>

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